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 ACCESSION AR142620
 VERSION AR142620.1 GI:15103906
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 2038)
 AUTHORS Bandman, O., Hillman, J.L., Yue, H., Guegler, K.J., Corley, N.C.,
 Tang, Y. Tom. and Shan, P.
 TITLE Human protease molecules
 JOURNAL Patent: US 6203979-A 18 20-MAR-2001;
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RESULT 3
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LOCUS
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DEFINITION
BD137129
ACCESSION
BD137129.1 GI:23232074
VERSION
JP 2002508970-A/6
KEYWORDS
Homo sapiens (human)
SOURCE
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
REFERENCE
1 (bases 1 to 2038)
AUTHORS
Bandman, O., Hillman, J.L., Yue, H., Guegler, K.J., Corley, N.C.,
Tang, T.Y. and Shah, P.
TITLE
Human protease molecule
JOURNAL
INCYTE PHARMACEUTICALS INC
PATENT: JP 2002508970-A 6 26-MAR-2002;
OS Homo sapiens (human)
PN JP 2002508970-A/6
COMMENT
PD 26-MAR-2002
PF 12-JAN-1999 JP 2000540252
PR 16-JAN-1998 US 09/008271
PI OLGA BANDMAN, JENNIFER L HILLMAN, HENRY YUE, KARL J GUEGLER, NEIL
PI C CORLEY
PI TOM Y TANG, PURVI SEAH
PC C12N15/09, A61K38/46, C07K16/40, C12N1/19, C12N1/21, C12N5/10 PC
, C12N9/48, C12N9/64,
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Location/Qualifiers
1. 2038
/organism="Homo sapiens"
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ORIGIN

Query Match 99.9%; Score 1303.4; DB 6; Length 2038;
Best Local Similarity 99.9%; Pred. No. 1.8e-301;
Matches 1304; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 ATGGATCCTGACAGTGCATCACTCTGAACAGCCTCGATGTCAAAACCCCTGCGCAACCC 60
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GenCore version 5.1.6
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(without alignments)
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Scoring table: BLOSUM62
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Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2337	99.8	437	Sequence 6, Appli
3	2186	93.8	423	Sequence 8, Appli
4	2188	93.4	406	Sequence 2, Appli
5	677.5	28.9	492	Sequence 6, Appli
6	676.5	28.9	492	Sequence 895, App
7	676.5	28.9	492	Sequence 2, Appli
8	655.5	28.0	454	Sequence 2, Appli
9	588.5	25.1	417	Sequence 4, Appli
10	584	24.9	455	Sequence 2, Appli
11	580	24.8	376	Sequence 2, Appli
12	574	24.5	416	Sequence 2, Appli
13	571	24.4	798	Sequence 2, Appli
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15	568	24.3	418	Sequence 2, Appli
16	568	24.3	418	Sequence 25, Appli
17	568	24.3	418	Sequence 82, Appli
18	566	24.2	418	Sequence 83, Appli
19	558.5	23.8	283	Sequence 62, Appli
20	558.5	23.8	283	Sequence 1, Appli
21	531.5	22.7	232	Sequence 1, Appli
22	512.5	21.9	256	Sequence 3, Appli
23	512.5	21.9	256	Sequence 3, Appli
24	512.5	21.9	256	Sequence 3, Appli
25	511	21.8	638	Sequence 3, Appli
26	507.5	21.7	255	Sequence 67, Appli
27	503.5	21.5	285	Sequence 26, Appli

28	486	20.8	248	3	US-08-944-483-63
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31	478	20.4	314	3	US-09-008-271A-3
32	478	20.4	314	4	US-09-907-794A-257
33	478	20.4	314	4	US-09-905-125A-257
34	478	20.4	314	4	US-09-902-775A-257
35	477	20.4	312	4	US-09-023-942A-4
36	475	20.3	407	4	US-09-734-675-4
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ALIGNMENTS

RESULT 1
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; Sequence 6, Application US/09008271A
; Patent No. 6203979
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; Hillman, Jennifer L.
; Yue, Henry
; Guegler, Karl J.
; Corley, Neil C.
; Tang, Tcm Y.
; Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: 16-Jan-1998
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

IMMEDIATE SOURCE:
LIBRARY: COLNNOT13
CLONE: 1337018

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US-09-008-271A-6

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; Sequence 8, Application US/09851588
; Patent No. 6682890
; GENERAL INFORMATION:
; APPLICANT: Mack, David
; APPLICANT: Gish, Kurt C.
; APPLICANT: Wilson, Keith E.
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS, AND
; FILE REFERENCE: A-68829-1/DJB/JJD/AMS
; CURRENT APPLICATION NUMBER: US/09/851.588
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 09/642,252
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: US 09/656,002
; PRIOR FILING DATE: 2000-09-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 8
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-851-588-8

Query Match 99.8%; Score 2337; DB 4; Length 437;
Best Local Similarity 100.0%; Pred. No. 1.5e-234;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 424 AYLNNIYNVWKAEL 437

RESULT 3
US-09-656-002-2
; Sequence 2, Application US/09656002
; Patent No. 6455668
; GENERAL INFORMATION:
; APPLICANT: Mack, David
; APPLICANT: Gish, Kurt
; APPLICANT: Wilson, Keith
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS, AND
; FILE REFERENCE: A-69108/DJB/JJD/AMS
; CURRENT APPLICATION NUMBER: US/09/656.002
; CURRENT FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: US 09/525,993
; PRIOR FILING DATE: 2000-03-15
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-656-002-2

Query Match 93.8%; Score 2196; DB 4; Length 423;
Best Local Similarity 97.1%; Pred. No. 6.9e-220;
Matches 408; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY 16 PLRKPRIPIRQKJCDGELDCPLGEDDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGN 135
DB 4 PCANPVSEWFPSESVGIPITIIALLSLASIIIVWLKIVLDKYF 63

QY 76 DGEIDCPLGEDDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGN 123
DB 64 DGEIDCPLGEDDEHCVKSPFEGPAVAVRLSKORSTLOVLD SATGN 123

QY 136 TACQMGYSKPTFRRAVEIGPDQDLVDVEITENSQELRMNNSGPCLSGSLVSLHCLACG 195
DB 124 TACQMGYSKPTFRRAVEIGPDQDLVDVEITENSQELRMNNSGPCLSGSLVSLHCLACG 183

QY 196 KSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDPHWLTA AHCRCFKHTDVFNK 255
DB 184 KSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDPHWLTA AHCRCFKHTDVFNK 243